MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

March 1950

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

MARCH 1950

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	61.5	58.4	58.6	59.5	23.2	17.3	18.8	21.3	18.8	19.6
2	59.2	55.8	57.7	57.6	24.0	16.1	18.3	23.7	17.8	19.9
3	60.8	60.2	59.8	60.3	22.1	14.6	18.1	19.3	16.2	17.9
4	58.0	54.7	53.8	55.5	27.4	15.6	21.6	22.3	23.2	22.4
5	57.1	57.6	58.6	57.1	17.0	11.7	16.1	14.9	14.1	15.0
6	59.1	57.8	58.1	58.3	19.5	12.5	15.3	18.8	14.7	16.3
7	57.0	56.6	58.7	57.4	16.8	11.0	15.1	14.9	14.1	14.7
8	59.9	59.4	60.7	60.0	17.5	10.6	14.6	16.4	12.2	14.4
9	61.5	60.9	61.8	61.4	16.6	11.1	15.0	15.5	13.3	14.6
10	61.2	60.6	61.0	60.9	15.8	10.6	11.7	13.9	12.3	12.6
11	62.3	62.7	64.2	63.4	18.5	11.1	13.0	17.4	13.8	12.7
12	65.9	65.0	64.9	65.3	18.8	11.8	16.0	18.0	13.8	15.9
13	64.3	63.0	64.3	63.9	19.6	12.2	15.4	18.7	14.6	16.2
14	63.9	63.3	63.5	63.6	19.6	13.2	15.5	18.7	16.3	16.8
15	63.8	62.5	62.2	62.8	19.9	13.7	16.2	18.9	15.5	16.9
16	61.3	60.3	60.4	60.7	22.0	14.3	17.4	21.2	16.1	18.2
17	61.1	60.7	61.1	61.0	21.9	13.3	17.7	21.3	16.2	18.4
18	60.9	60.9	61.7	61.2	20.3	12.1	16.4	18.9	14.9	16.7
19	63.4	63.5	64.0	63.6	19.8	12.7	16.6	19.2	14.9	16.9
20	63.4	62.4	62.6	62.8	19.3	11.7	16.3	18.8	13.9	16.3
21	61.2	59.9	59.8	60.3	18.7	12.3	16.1	17.2	13.8	15.7
22	60.8	60.9	62.2	61.3	18.7	11.7	15.9	17.9	13.8	15.9
23	63.0	61.6	61.6	62.1	19.7	12.4	16 7	18.6	15.1	16.8
24	60.3	58.2	56.9	58.5	20.4	11.1	16.4	19.4	14.0	16.6
25	56.5	57.4	59.1	57.7	18.2	10.7	11.1	16.8	14.0	14.0
26	58.9	61.0	63.3	61.1	18.2	9.9	12.9	15.9	13.3	14.0
27	64.6	64.4	64.6	64.5	18.0	10.0	14.1	13.2	11.7	13.0
28	59.2	57.7	57.3	58.1	20.2	10.1	16.0	14.5	14.3	14.9
29	59.7	60 3	62.6	60.9	18.7	11.5	12.7	16.6	13.6	14.3
30	65.1	62.8	65.9	64.6	19.0	11.6	16.2	18.7	13.1	16.0
31	65.0	63.1	62.8	63.6	21.5	14.8	16.7	20.4	16.4	17.8
	61.25	60.44	61.09	60.93	19.70	12.36	15.80	18.10	14.83	16.18

Barometer, range for month 765.9 mm. — 753.8 mm.

,, 71-yr. average for month 761.187 mm.

Thermometer, range for month 27.4°C —10.0°C

,, 71-yr. average for month 16.16°C.

Rain total for month 105.17 mm.

,, 71-yrs. average for month 92.54 mm.

,, Tolal, Sept. 1st. to end of month 701.30 mm.

,, 71-yr. average, Sept. 1st. to end of month 814.84 mm

MARCH 1950

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	13.8	13.8	12.9	13.5	63	55	59	59	5.1	126.0	
2	17.9	19.0	13.8	16.9	85	64	69	73	3.6	291.0	
3	17.9	17.9	17.8	17.9	84	80	97	87	6.8	198.0	
4	13.2	19.2	13.1	15.2	51	72	45	56	7.0	430.0	
5	17.2	16.0	12.4	15.2	94	94	81	90	3.2	219.0	11.43
6	10.1	10.8	10.6	10.5	58	50	61	56	8.1	188.0	0.25
7	14.3	13.5	11.0	12.9	83	78	66	76	5.8	322.0	9.15
8	10.6	10.7	9.6	10.3	64	57	68	63	7.9	703.0	0.25
9	12.0	13.5	11.4	12.3	70	75	76	74	3.0	512.0	4.07
10	13.2	13.9	12.3	13.1	96	86	87	90	2.2	280.0	20.83
11	14.4	13.9	13.4	13.6	92	70	82	81	2.8	449.0	25.14
12	12.9	15.1	14.4	14.1	70	73	89	77	9.0	478.0	
13	13.4	13.9	14.4	13.9	77	65	86	76	9.3	282.0	
14	14.5	16.0	13.1	14.5	81	75	70	75	9.1	592.0	
15	14.2	15.0	15.6	14.9	77	68	89	78	9.0	311.0	
16	17.6	10.9	14.0	14.2	89	44	76	70	9.5	351.0	
17	12.8	12.8	12.6	12.7	63	50	69	61	8.7	280.0	
18	14.5	13.9	11.5	13.3	74	64	68	69	7.1	314.0	
19	10.2	12.7	13.0	12.0	53	56	77	62	8.9	360.0	
20	10.8	11.8	11.5	11.4	59	55	73	62	7.4	566.0	
21	12.1	12.5	12.9	12.5	66	64	80	70	3.4	367.0	
22	11.9	11.6	11 0	11.5	66	57	69	70	6.8	480.0	
23	11.5	12.6	12.0	12.0	60	59	73	64	8.6	309.0	
24	13.6	13.7	13.4	13.6	73	60	82	72	8.8	436.0	
25	12.3	11.2	9.2	10.9	93	59	60	71	3.2	600.0	9.40
26	11.9	10.2	9.2	10.4	81	56	61	66	2.8	650.0	13.47
27	11.7	12.4	10.5	11.5	72	81	78	77	2.7	399.0	5.08
28	8.1	13.9	9.6	10.5	42	85	59	62	1.8	726.0	1.78
29	11.2	11.6	10.1	11.0	75	61	66	67	3.7	772.0	4.32
30	11.1	12.9	11.9	12.0	60	59	78	66	4.5	335.0	
31	12.6	17.0	16.7	15.4	67	69	93	76	8.9	381.0	
	13.01	13.68	12.41	13.02	72.2	66.2	73.8	70.8	6.09	409.97	3.39

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m ; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0 56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

MARCH 1950

METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	6ci	1ci	4cu-st	3.7	1ne	1sw	1nw	light	
2	9st-cu	5st-cu	0	4.7	2w	2sw	2sw	slight	H. p.m.
3	7ci-st	0	0	2.3	1sw	1sw	1sw	light	H. a.m.
4	4cu-st	5st-cu	0	3.0	2se	2ne	2se	,,	H., Tr. a.m p.m.,D.
5	10ni	10ni	7cu-st	9.0	1nw	1sw	2sw	,,	
6	0	0	7st-cu	2.3	1sw	1sw	1sw	,,	H. all day
7	6cu-ni	8st-cu	10cu	8.0	2sw	3ne	1w	slight	
8	4cu	2cu	2cu-st	2.7	2ne	2ne	1w	,,	
9	4cu	10-ni	10cu	8.0	3sw	1sw	1sw	light	
10	10ni	10cu-ni	9cu-ni	9.7	1s	1sw	1sw	slight	
11	4cu	3cu	3cu	3.3	1sw	3sw	1sw	light	Tr. p.m.
12	1ci-cu	5ci	5ci	3.7	3sw	3w	1w	,,	Tr. p.m.
13	9ci	0	4st-cu	4.3	1e	2n	1ne	,,	D., am H. a.m.
14	0	4ci-cu	0	1.3	1e	3ne	4ne	,,	D. a.m.
15	0	0	0	0.0	2ne	2ne	2ne	,,	
16	0	4cu-ci	0	1.3	2n	1n	0	,,	D. am.
17	6ci	7ci	0	4.3	0	1n	0	calm	D. a.m.
18	1cu	3cu	3st	2.3	3w	2nw	1n	slight	
19	0	1cu	0	0.3	1ne	2ne	1ne	,,	
20	8ci-cu	0	8ci-st	5.3	4sw	2w	1w	light	
21	6ci-cu	9ci-st	4ci	6.3	3sw	2nw	1nw	,,	
22	2cu	3cu-ci	8ci-st	4.3	2sw	3sw	1nw		
23	0	0	0	0.0	3ne	2ne	2n	slight	
24	2ci	0	10cu-ni	4.0	1sw	2nw	1nw	light	Tr. p.m.
25	10ni	8cu-ni	3cu	7.0	3sw	4sw	3sw	slight	Thunder a.m.
26	10ni	10cu-ni	3cu	7.7	4sw	4w	4w	mod.	Thunder a.m.
27	4cu	10-ni	2cu-ci	5.3	2s	2sw	1sw	slight	
28	8st-ci	10ni	9cu-ni	9.0	4sw	4sw	4sw	mod.	W.; T., G., p.m.
29	9cu-ni	7cu	7cu-st	7.7	3s	3sw	2sw	mod.	
30	6cu-ci	4cu-ci	2ci-cu	2.3	2sw	2nw	1nw	slight	
31	1ci	0	0	0.3	1ne	2ne	1ne	light	
				4.30					

Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	6	2	1	3	14	2	1	1	31
14:30	3	8	0	0	0	13	3	4	0	31
20:30	3	5	0	1	0	11	4	5	2	31
Total	7	19	2	2	3	38	9	10	3	93

Number of days with rain 12, fog 0, thunderstorms 4, gale 1.

71 yr. av. number of days with rain during month 10.76